



AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A heat exchanger of a ventilating system, comprising:
a plurality of heat exchanging plates being laminated at a predetermined interval, each of the heat exchanging plates preventing airflow therethrough;
a first heat exchange member being laminated among the heat exchanging plates, the first heat exchange member having a folded corrugated shape including a first plurality of upper bends, a first plurality of lower bends, a first plurality of wall portions connecting adjacent first upper bends and first lower bends, each first wall portion having a plurality of through holes arranged in both a longitudinal direction and a transverse direction therein, each of the first plurality of upper and lower bends extending substantially in the direction of the airflow, and the first heat exchange member being formed to increase turbulence of the outdoor air which flows while being attached on a first air path through which outdoor air passes; and
a second heat exchange member which is laminated among the heat exchanging plates crossed with the first heat exchange member, the second heat exchange member having a folded corrugated shape including a second plurality of upper bends, a second plurality of lower bends, a second plurality of wall portions connecting adjacent second upper bends and second lower bends, each second wall portion having a plurality of through holes arranged in both a longitudinal direction and a transverse direction therein, each of the second plurality of upper and lower bends extending substantially in the direction of the airflow, and the second heat exchange member being formed to increase turbulence of indoor air which flows while being attached on a second air path through which the indoor air passes.

2. (Previously Presented) The exchanger of claim 1, wherein the heat plates are formed with an aluminum plate or paper materials.

3. (Previously Presented) The exchanger of claim 1, wherein the first and second heat exchange members are positioned to secure the first and second air paths among the heat exchanging plates, and each is formed with an aluminum material of the mesh type so that the

outdoor and indoor air flowed to the first and second air paths can pass from the upper surface to the lower surface of the heat exchange members, or from the lower surface to the upper surface.

4. (Previously Presented) The exchanger of claim 3, wherein the first and second heat exchange members are positioned at a predetermined angle slanted from the direction that the air flows.

5. (Original) The exchanger of claim 4, wherein the first and second heat exchange members are positioned 30°-60° slanted from the direction that the air flows.

6. (Previously Presented) The exchanger of claim 1, wherein the first and second heat exchange members are positioned to secure the first and second air paths among the heat exchanging plates, and each is formed in a plate type, so that the outdoor and indoor air flowed to the first and second air paths can pass from the upper surface to the lower surface of the heat exchange members, or from the lower surface to the upper surface.

7. (Original) The exchanger of claim 6, wherein the first and second heat exchange members are formed with aluminum or paper materials.

8. (Original) The exchanger of claim 6, wherein the first and second heat exchange members are formed with a porous resin film.

9. (Previously Presented) The exchanger of claim 6, wherein the first and second heat exchange members are positioned at a predetermined angle slanted from the direction that the air flows.

10. (Original) The exchanger of claim 6, wherein the first and second heat exchange members are positioned 30°-60° slanted from the direction that the air flows.

11. (Previously Presented) The exchanger of claim 6, wherein the first plurality of through holes of each first wall portion are arranged in three rows extending along the longitudinal direction of the first wall portion and the second plurality of through holes of each second wall portion are arranged in three rows extending along the longitudinal direction of the second wall portion.